

# Defining Prerequisite Resources

Before you can define a resource as a prerequisite for a job, it must be defined to the system. Define resources to **Entire Operations** using the System Administrator Services option on the Main Menu. (See the Entire Operations Administration Documentation).

You can find a summary of resource features in the System Overview.

This section covers the following topics:

- List of Prerequisite Resources
- Adding a Prerequisite Resource Definition
- Modifying a Prerequisite Resource Definition
- Selecting a Resource by Wildcard

## List of Prerequisite Resources

- Column Headings: Prerequisite Resource List

### To specify resources for a job

1. On the Job Maintenance screen, enter **L** in the line command input field of the selected job.
2. Press Enter.

A screen opens with a list of resources already specified for the job:

20.11.01		*** Entire Operations 4.1.1 ***					17:04:05	
		Prerequisite Resources (Master)						
-----								
Owner SN		Network RES-PRQ		Run from		to		Job J1
						required		
Cmd	Run Job	Resource		T	Quantity	D	DNO	allocated
—		A001		R	5.50	J	Y	
—		A2345678901234567890		R	9.50			
—		HUGO		R	6.00			
—		R-01		R	5.00			
—		R-03		R	3.00			
—		R-04		R	4.00			
—		R-10		R	10.00			
—		R-11		R	11.00	J	Y	
—		R-12		R	3.00			
—		R-13		U	13.00			
—		R-14		R	14.00			
—		R-20		R	20.00			
***** m o r e *****								
D Delete		M Modify		R Master Definition		W Where Used		
Enter--PF1---PF2---PF3---PF5-----PF7---PF8-----								
Help		Add	End	Save	Up	Down		

## Column Headings: Prerequisite Resource List

The following table explains the column headings for the data listed in the Prerequisite Resources window:

Column	Description
Cmd	One-character line command input field. Possible options:
	<b>D</b> Delete resource as prerequisite for this job.
	<b>M</b> Modify a prerequisite resource for this job.
	<b>R</b> Master resource definition.
	<b>W</b> Where used. If invoked for a <b>master</b> job definition: Shows the usage of this resource as a prerequisite in all master job definitions. If invoked for an <b>active</b> job definition: Shows the current usage of this resource by active jobs.
Resource	Name of resource as defined in the System Administrator Services.
T	Resource Type. See here for details.
Required Quantity	Resource quantity required for job execution. <b>Entire Operations</b> does not submit the job until this amount of resource is available.
D	Deallocation  The deallocation mode of this prerequisite resource:  <b>J</b> Deallocation after job termination (default) <b>N</b> Deallocation after network termination <b>K</b> Keep until explicit deallocation  <b>Note:</b> These allocations will be deallocated if the retention period for active condition is reached.  See also Periods of Resource Allocation.
DNO	Deallocate if not ok (applies for deallocation 'J' only)  <b>Y</b> The resource will always be deallocated after job termination.  <b>N</b> If the job does not end ok, the resource will not be deallocated. (It will be deallocated at network termination anyway.)
allocated	Date and time when the resource was allocated for the current job.  The field is empty, if the resource has not been allocated yet, or if it has been deallocated already (applies for active prerequisite resources only).

## Adding a Prerequisite Resource Definition

### ▶ To specify a resource as a prerequisite for job submission

- Use PF2 (Add) to open the prerequisite resource definition window.

## Modifying a Prerequisite Resource Definition

### ▶ To modify resources already specified for the job

- Type **M** in the line command input field of the selected resource to open the prerequisite resource definition window.

## Prerequisite Resource Definition (Master) Screen

In this screen you can define or modify a prerequisite resource definition for a job.

```

+-----+
!                                     !
!      Prerequisite Resource Definition (Master)      !
!                                     !
!      Resource ==> A001_____ !
! Required Quantity ==> 5.50_____ !
!                                     !
!      Deallocation Mode ==> J !
! Deallocate if Job not ok ==> Y !
!      Allocated at ==> _____ !
!                                     !
! Enter-PF1-----PF3-----PF5----- !
!      Help      End      Save      !
+-----+

```

### Fields: Prerequisite Resource Definition (Master) Screen

Field	Description
Resource	Name of resource as defined in the System Administrator Services.
Required Quantity	Enter the resource quantity required for job execution. <b>Entire Operations</b> does not submit the job until this amount of resource is available.
Deallocation Mode	<p>Enter the deallocation mode of this prerequisite resource:</p> <p><b>J</b> Deallocation after job termination (default)  <b>N</b> Deallocation after network termination  <b>K</b> Keep until explicit deallocation</p> <p><b>Note:</b>  These allocations will be deallocated if the retention period for active condition is reached.</p> <p>See also Periods of Resource Allocation.</p>
Deallocate if Job not ok (applies for deallocation 'J' only)	<p>Enter <b>Y</b> to always deallocate the resource after job termination.</p> <p>If you enter <b>N</b> and the job does not end ok, the resource will not be deallocated. (It will be deallocated at network termination anyway.)</p>
allocated	<p>Date and time when the resource was allocated for the current job.</p> <p>The field is empty, if the resource has not been allocated yet, or if it has been deallocated already (applies for active prerequisite resources only).</p>

## Selecting a Resource by Wildcard

If you use a wildcard in the resource name, you can select the resource name from a list:

```

+-----+
!
!           Select Resource
!           by Marking
!
!
!  Cmd  Resource Name
!  _    $QWERTY-RESOURCE
!  _    ADA-1
!  _    ADA-9
!  _    A001
!  _    A1
!  _    A2345678901234567890
!  _    BLA-BLA
!  _    DEA1-JOB-01
!
!
!  PF3  End      PF7  Up      PF8  Down
!
+-----+

```